(b) if so, what measures have been taken to save the glacier and the Ganga;

(c) whether peoples' cooperation have been sought in this regard; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY): (a) Studies carried out by the Geological Survey of India on Gangotri Glacier, over the last 60 years or so have revealed that the glacier is receding gradually. Based on a study of the climate for the last 1000 years, they have concluded that in general glaciers keep on fluctuating over a period of hundreds of years and the process of recession may be reversed in due course of time with favourable climatic conditions.

(b) to (d) Since global warming is a worldwide phenomenon, it is difficult to arrest recession of a particular glacier through artificial means. However, reduction in deforestation and preservation of ecology of high altitue regions can go a long way in reducing the effects of global warming on Himalayan glaciers and thereby retarding the rate of recession.

Progress of Narmada Dam Project

777. SHRIMATI VEENA VERMA: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the Narmada Bachao Andolan has lately been demanding a White Paper on the resettlement of Narmada evicts;

(b) if so, the progress so far made in rehabilitation of these evicts, indicating also the number of those still unrehabilitated; and

(c) the progress so far made in implementation of the Narmada Dam project?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY): (a) No, Sir.

(b) Out of 7038 Project Affected Families (PAF's) upto the dam height of 90 m, 5500 PAFs have been resettled. The remaining 220

PAFs of Maharashtra & 1318 PAFs of M.P. have also been offered the Rehabilitation & Resettlement package but the same is yet to be accepted.

(c) The progress made so far in implementation of the Narmada Dam Project is given in the enclosed statement.

Statement

Progress in construction of the Narmada Dam Project

Progress of work on various components of Narmada Dam Project (Sardar Sarovar Project) upto August, 1999 is as follows:

Sl. No.	Component	Excavation %	Concerting %	Drilling %
1.	Main Dam	98.81	85.69	84.40
2.	River Bed Power House			
	Open	95.85		
	Underground	91.10		
3.	Canal Head Power House	100.00	100.00	100.00
4.	Vadgam Saddle Dam	100.00	100.00	100.00
5.	Narmada Main Canal (0 to 144.5 km.)	Earthwork %	Lining %	Structural concrete %
		99.47	99.98	95.79
6.	Branch Canals			
	Phase-I (0 to 144.5 km.)	99.76	91.71	96.74
7.	Distribution System (0 to 144 km.)	86.23	92.91	93.98
8.	Phase-II (144 to 263 km.)			
	(a) Narmada Main Canal	92.75	91.81	96.07
	(b) Seven major structures	94.17	51.85	87.50
9.	Branch Canal Phase II (144—263 km.)	72.34	—	44.08
10.	Saurashtra Branch Canal and its branches	88.34	—	59.41